Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6115418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L3	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L4		(mlt3 or "mlt-3") with super adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L5	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L6	0	RSSE and metric and add with compara and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L7	2745	375/341	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L8		"10/022659"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L9	0	RSSE and metric and add with compara and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L10	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L11	18	("20020150180" "20030053535" "2 0030115061" "5031195" "5214672"  "5546430" "6081562" "6744831" " 6798828").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L12	3	trellis with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L13	3	((joint adj equalization) near decoding) and multilevel	US-PGPÙB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L14	2	trellis with generat\$3 with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L15	8	RSSE and (supertrellis or ((super or concatenated ot hyper) adj trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L16	6	("6038269" "6115418" "6178198"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L17	87	trellis with (MLT or (multilevel with code)) .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/01/30 12:44

L18	22	L7 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L19	4112	375/316	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/01/30 12:44
L20	0	L19 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L21	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L22	26	trellis and (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L23	2	trellis with (generat\$3 or produce) with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L24	2	"6118603".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L25	22	RSSE and metric and (add with compar\$3) and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L26	1482	375/265	US-PGPUB;	OR	ON	2007/01/30 12:44
	1102	373/203	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OK .	OIA	2007/01/30 12.44
L27	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L28	30	(mlt3 or "mlt-3") and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L29	38	("4456893"   "4701936"   "4888560"   "4974185"   "5031194"   "5119196"   "5245291"   "5291499"   "5465272"   "5481564"   "5502735"   "5602507"   "5617450"   "5638065"   "5654667"   "5809079"   "5818378"   "5841478"   "5841484"   "5859861"   "5872668"   "5895479"   "5909384"   "5940442"   "5949819"   "5960011"   "5982818"   "5986831"   "6035007"   "6038269"   "6047022"   "6115418"   "6148046").PN. OR ("6418172"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L30	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L31		super adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L32	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L33	0	joint adj equalization adj "and" adj decoding	US-PGPUB; USPAT;	OR	ON	2007/01/30 12:44
		<del></del>	USOCR; EPO; JPO; DERWENT; IBM_TDB			
L34	2	"6987796".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L35	5	("6418172").URPN.	USPAT	OR	ON	2007/01/30 12:44
L36	14	"SYNCHRONOUS NETWORK COMMUNICATIONS SYSTEM"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L37	2	((super or concatenated) adj trellis) with channel and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L38	1	"10/022659"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L39	4	("5146475"   "5191598"   "5202903"   "5272727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L40	1683	375/262	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/01/30 12:44
L41	18	L40 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/01/30 12:44

L42	0	((joint adj equalization) near decoding) and mlt3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L43	33	("4456893"   "4701936"   "4888560"   "4974185"   "5031194"   "5119196"   "5245291"   "5291499"   "5465272"   "5481564"   "5502735"   "5602507"   "5617450"   "5638065"   "5654667"   "5809079"   "5818378"   "5841478"   "5841484"   "5859861"   "5872668"   "5895479"   "5909384"   "5940442"   "5949819"   "5960011"   "5982818"   "5986831"   "6035007"   "6038269"   "6047022"   "6115418"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L44	3	trellis with (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L45	1.	"6115418".pn.	USPAT	OR	ON	2007/01/30 12:44
L46		RSSE and metric and (add with compar\$3) and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/01/30 12:44
L47	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L48	2	(mlt3 or "mlt-3") and trellis with super	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L49	2	"6115418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L50	15	(super or (reduced with state)) adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/01/30 12:44
L51	23	(mlt3 or "mlt-3") and trellis and equaliz\$5 and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ОЙ	2007/01/30 12:44
L52	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L53		((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/01/30 12:44
L54	2	((joint adj equalization) near decoding) and mlt-3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L55 (	9	(super or (reduced with state)) adj trellis and (equalization with decoding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L56	3	L22 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/01/30 12:44
L57	2	((joint adj equalization) near decoding) with multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L58	3	L22 and L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L59	3	(mlt3 or "mlt-3") with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L60	2	"6118603".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L61		((joint adj equalization) near decoding) same multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L62	44	(joint adj equalization) near decoding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L63 <sup>′</sup>	8	RSSE and (supertrellis or ((super or concatenated ot hyper) adj trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L64	2	equaliz\$5 with joint with decod\$3 and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L65	71	"07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L66	2	((super or concatenated) adj trellis) with channel and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR ·	ON	2007/01/30 12:44
L67	29	(mlt3 or "mlt-3") and trellis and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L68	4	("5146475"   "5191598"   "5202903"   "5272727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L69	2	L22 and L40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L70	0	equaliz\$5 with join with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L71	5	trellis same (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L72	11	"09/471920"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/01/30 12:44
L73	5	"99/07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L74	14	"1021884"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L75	0	"199907077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L76	0	"1999007077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON ,	2007/01/30 12:44
L77	7	((joint adj equalization) near decoding) and dispersive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L78	35	L26 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L79	78	joint with equalization with decoding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR ·	ON	2007/01/30 12:44
L80	0	"1999/07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L81	111	equaliz\$5 with joint with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L82	24	joint with equalization with decoding with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

L83	2	L22 and L19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2007/01/30 12:44
			IBM_TDB			

PALM Intra						
Applicatio Number	on ;	Sub	mit			
DS Information	Clearance for Ap	prication 1002	2009			
	Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
	M844	2001-12-18	5	Y	2002-01-24 12:12:34.0	ltyson1
	Update					

* PALM INTRANET	Day: Tuesday Date: 1/30/2007
Continuity Information for 10/022659	- Time: 09:49:43
Parent Data No Parent Data	
Child Data No Child Data Appln Info Contents Petition Info Atty/Agent Info Continuity/Reexam	Foreign Data
Search Another: Application# Search or Patent#  PCT / Search or PG PUBS #  Attorney Docket # Search	Search
Bar Code # Search	

To go back use Back button on your browser toolbar.

. PALM INTRANET

Day: Tuesday Date: 1/30/2007

Time: 09:49:47

# Foreign Information for 10/022659

#### No Foreign Data

Appln Info Contents Petition Info	Atty/Agent Info Continuity/Reexam Para Data	_
Search Another: Application#	Search or Patent# Search	****
PCT /	Search or PG PUBS # Search	
Attorney Docket #	Search	
Bar Code #	Search	

To go back use Back button on your browser toolbar.



### PALM INTRANET

Day: Tuesday Date: 1/30/2007

Time: 09:49:50

## **Inventor Information for 10/022659**

Inventor Name	City	State/Country
AZADET, KAMERAN	MORGANVILLE	NEW JERSEY
HARATSCH, ERICH FRANZ	BRADLEY BEACH	NEW JERSEY
Appln Info Contents Petition Info	Atty/Agent Info Conti	inuity/Reexam Foreign
Search Another: Application#	Search or Patent	gearch Search
problem a result of the contract of the contra	·····	
PCT /	Search or PG PUBS	# Search
PCT / / Attorney Docket #	Search or PG PUBS	

To go back use Back button on your browser toolbar.

Day: Tuesday Date: 1/30/2007

Time: 09:49:54



### PALM INTRANET

#### **Inventor Name Search Result**

Your Search was:

Last Name = HARATSCH

First Name = ERICH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09031728	6154222	150	02/27/1998	METHOD FOR DEFINING ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
09113747	Not Issued	71	07/10/1998	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION	HARATSCH, ERICH
09113748	6317131	150	07/10/1998	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION USING NODES	HARATSCH, ERICH
09686077	6483513	150	10/12/2000	Method for defining MPEP 4 animation parameters for an animation definition interface	HARATSCH, ERICH
09950792	Not Issued	161	09/13/2001	Interaction modalities for multimedia delivery and presentation using nodes	HARATSCH, ERICH
09975052	Not Issued	161	10/12/2001	Method for defining animation parameters for an animation definition interface	HARATSCH, ERICH
10291428	6970172	150	11/12/2002	SYSTEM FOR DEFINING MPEG 4 ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
11179715	Not Issued	71	07/12/2005	Method for defining animation parameters for an animation definition interface	HARATSCH, ERICH
60041732	Not Issued	159	03/27/1997	ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
60042799	Not	159	04/07/1997	LET ANIMALS AND	HARATSCH, ERICH
	I	ı İ	I √i	II	II I

	Issued			FURNITURE SPEAK: PROPOSAL FOR EXTENDING THE SCOPE OF FACE AND BODY ANIMATION	
60052576	Not Issued	159	07/15/1997	ENSURING QUALITY OF SERVICE FOR SCENE GRAPHS WITH BIFS	HARATSCH, ERICH
11496121	Not Issued	25	07/31/2006	Methods and apparatus for low- density parity check decoding using hardware-sharing and serial sum-product architecture	HARATSCH, ERICH F.
11535540	Not Issued	25	09/27/2006	Systems and Methods for Generating Erasure Flags	HARATSCH, ERICH F.
09834668	7000175	150	04/13/2001	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	HARATSCH, ERICH FRANZ
10022659	Not Issued	41	12/18/2001	Method and apparatus for joint equalization and decoding of multilevel codes	HARATSCH, ERICH FRANZ
10022665	Not Issued	120	12/18/2001	Method and apparatus for joint equalization and decoding of multidimensional codes transmitted over multiple symbol durations	HARATSCH, ERICH FRANZ
10853087	Not Issued	30	05/25/2004	Method and apparatus for multiple step viterbi detection with local feedback	HARATSCH, ERICH FRANZ
10853088	Not Issued	30	05/25/2004	Method and apparatus for precomputation and pipelined selection of intersymbol interference estimates in a reduced-state Viterbi detector	HARATSCH, ERICH FRANZ
10853089	Not Issued	30	05/25/2004	Method and apparatus for precomputation and pipelined selection of branch metrics in a reduced-state Viterbi detector	HARATSCH, ERICH FRANZ
10853090	Not Issued	61	05/25/2004	Method and apparatus for reduced-state Viterbi detection in a read channel of a magnetic recording system	HARATSCH, ERICH FRANZ
10962188	Not Issued	41	10/08/2004	Pipelined decision-feedback unit in a reduced-state viterbi detector with local feedback	HARATSCH, ERICH FRANZ
11045585	Not	30	01/28/2005	Method and apparatus for soft-	HARATSCH, ERICH

:	Issued			output viterbi detection using a multiple-step trellis	FRANZ
11119038	Not Issued	25	04/29/2005	Method and apparatus for iterative error-erasure decoding	HARATSCH, ERICH FRANZ
11234446	Not Issued	30	09/26/2005	Method and apparatus for pipelined joint equalization and decoding for gigabit communications	HARATSCH, ERICH FRANZ
11256182	Not Issued	30	10/21/2005	Hybrid memory architecture for reduced state sequence estimation (RSSE) techniques	HARATSCH, ERICH FRANZ
60244453	Not Issued	159	10/30/2000	Low complexity joint equalizer and decoder for 1000base-t gigabit ethernet	HARATSCH, ERICH FRANZ
60245519	Not Issued	159	11/03/2000	Pipelined joint equalization and decoding for gigabit communications	HARATSCH, ERICH FRANZ
09326785	6690754	150	06/04/1999	METHOD AND APPARATUS FOR REDUCING THE COMPUTATIONAL COMPLEXITY AND RELAXING THE CRITICAL PATH OF REDUCED STATE SEQUENCE ESTIMATION (RSSE) TECHNIQUES	HARATSCH, ERICH FRANZ
09471920	6999521	150	12/23/1999	METHOD AND APPARATUS FOR SHORTENING THE CRITICAL PATH OF REDUCED COMPLEXITY SEQUENCE ESTIMATION TECHNIQUES	HARATSCH, ERICH FRANZ

Inventor Search Completed: No Records to Display.

Coamah Anatham Inventor	Last Name	First Name	
Search Another: Inventor	HARATSCH	ERICH .	Search

To go back use Back button on your browser toolbar.

Day: Tuesday Date: 1/30/2007

Time: 09:52:46

# \_\_\_ PALM INTRANET

# **Correspondence Address for 10/022659**

Customer Number	Contact Information	Address  Ryan, Mason & Lewis, LLP Suite 205 1300 Post Road Fairfield CT 06430	
No Customer #	Telephone: No Telephone # Fax: No Fax # E-Mail: No E-Mail Address		
Appln Info Contents Search Another: App		Continuity/Reexam Foreign  or Patent# Search	
PCT		PG PUBS # Search	
Attor	ney Docket #	Search	
Bar C	Code # Search		

To go back use Back button on your browser toolbar.